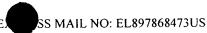
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Gln Ala Ser Ser Gly Gln Ala Arg Met
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 Arg Tyr Phe Lys
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 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
                             40
 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro
                         55
 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
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 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
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 Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
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Gly	His	Thr	Pro	Ser 165	His	His	Ala	Ala	Gln 170	Phe	Pro	Asn	His	Ser 175	Phe
Lys	His	Glu	Asp	Pro	Met	Gly	Gln	Gln 185		Ser	Leu	Gly	Glu 190	Gln	Gln
Tyr	Ser	Val 195	180 Pro	Pro	Pro	Val	Tyr 200		Cys	His	Thr	Pro 205	Thr	Asp	Ser
Cys	Thr 210	Gly	Ser	Gln	Ala	Leu 215		Leu	Arg	Thr	Pro 220	Tyr	Ser	Ser	Asp
Asn 225	Leu	Tyr	Gln	Met	Thr 230	Ser	Gln	Leu	Glu	Cys 235	Met	Thr	Trp	Asn	Gln 240
Met	Asn	Leu	Gly	Ala 245	Thr	Leu	Lys	Gly	Val 250	Ala	Ala	Gly	Ser	Ser 255	Ser
Ser	Val	Lys	Trp 260	Thr	Glu	Gly	Gln	Ser 265		His	Ser	Thr	Gly 270	Tyr	Glu
		275	His				280					285			
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Arg	Pro		Met	325	Ala				330					222	
			Leu 340	Gln	Met			345					350		
		355	Asp	Phe			360					365			
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His	Thr			405)				410)				410	
			420	ľ				425	1				430		Val
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Leu	1														
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_	EΛ					55					60	Pro			
65	Pro				70					15		Ser			00
Ala				8.5					90			Thr		95	
			100	Thr				105				Tyr	110		
		115	Pro				120					Ala 125			
	130	Ala				135					140	Gln			
145	Asn				150	Thr				155		Ala			100
Gly				165					170			Asn		1/5	
			180	Pro				185				Gly	190		
		195	Pro				200					Pro 205			
	210	Gly				215					220	Tyr			
225	Leu				230					235		Thr			240
Met				245					250			Gly		255	
			260					265				Ile	2/0		
		275					280					Gln 285			
	290					295					300	Arg			
305					310					315					Lys 320
				325					330)				333	
			340)				345					350		Pro
		355	·				360)				365			Asp
	370	}				375)				380)			Gln
385	,				390)				395)				Thr 400
				405	5				41()				415	
			420)				425	5				430	,	val
Arg	g His	s His 43!		n Met	His	s Glr	440	g Asr)	n Met	: Thr	. Lys	445	His	s val	Ala
Let	1														

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ggtgcactgt ctaaaggtca gttgaaagag ttcctcgacg ctaacctggc cggttctggt 360
tetggecata tgeageatea ceaceateae eaegtgteta tegaaggteg tgetagetet 420
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 cegecgecge egecgecgec geegeegeac teetteatea aacaggaace gagetggggt 720
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 agccagccg ctattcgcaa tcagggttac agcacggtca ccttcgacgg gacgcccagc 960
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tgcggtccgt gcaaaatgat cgccccgatt ctggatgaaa tcgctgacga atatcagggc 180
aaactgaccg ttgcaaaact gaacatcgat caaaaccctg gcactgcgcc gaaatatggc 240
atccgtggta tcccgactct gctgctgttc aaaaacggtg aagtggcggc aaccaaagtg 300
ggtgcactgt ctaaaggtca gttgaaagag ttcctcgacg ctaacctggc cggttctggt 360
tetggecata tgeageatea ceaceateae eacgtgteta tegaaggteg tgetagetet 420
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gacttegeae egeegggtge ateegeatae ggtteeetgg gtggteegge acegeegge 660
gcaccgccgc cgccgccgcc gccgccgccg cactccttca tcaaacagga accgagctgg 720
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ccaagttgtc agaaaaagtt tgcccggtca gatgaattag tccgccatca caacatgcat 1740
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 getttgetge tgaggaegee etacageagt gacaatttat accaaatgae ateceagett 720
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aagacccaca ccaggactca tacaggtgaa aagcccttca gctgtcggtg gccaagttgt 480
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Leu Val Asp Phe Trp Ala Glu Trp Cys Gly Pro Cys Lys Met Ile Ala
                              40
Pro Ile Leu Asp Glu Ile Ala Asp Glu Tyr Gln Gly Lys Leu Thr Val
                          55
                                              60
Ala Lys Leu Asn Ile Asp Gln Asn Pro Gly Thr Ala Pro Lys Tyr Gly
                      70
                                          75
Ile Arg Gly Ile Pro Thr Leu Leu Leu Phe Lys Asn Gly Glu Val Ala
                                      90
Ala Thr Lys Val Gly Ala Leu Ser Lys Gly Gln Leu Lys Glu Phe Leu
                                                     110
                                 105
             100
 Asp Ala Asn Leu Ala Gly Ser Gly Ser Gly His Met Gln His His His
                             120
                                                 125
 His His His Val Ser Ile Glu Gly Arg Ala Ser Ser Gly Gly Ser Gly
                         135
     130
 Leu Val Pro Arg Gly Ser Ser Gly Ser Gly Asp Asp Asp Lys Ser
                                         155
                     150
 145
 Ser Arg His Ser Thr Gly Tyr Glu Ser Asp Asn His Thr Thr Pro Ile
                                     170
 Leu Cys Gly Ala Gln Tyr Arg Ile His Thr His Gly Val Phe Arg Gly
                                 185
             180
 Ile Gln Asp Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg
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Ser Ala Ser Glu Thr Ser Glu Lys Arg Pro Phe Met Cys Ala Tyr Pro 215 Gly Cys Asn Lys Arg Tyr Phe Lys Leu Ser His Leu Gln Met His Ser 235 230 Arg Lys His Thr Gly Glu Lys Pro Tyr Gln Cys Asp Phe Lys Asp Cys 250 245 Glu Arg Arg Phe Phe Arg Ser Asp Gln Leu Lys Arg His Gln Arg Arg 265 His Thr Gly Val Lys Pro Phe Gln Cys Lys Thr Cys Gln Arg Lys Phe 280 Ser Arg Ser Asp His Leu Lys Thr His Thr Arg Thr His Thr Gly Glu 300 295 Lys Pro Phe Ser Cys Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg 315 310 Ser Asp Glu Leu Val Arg His His Asn Met His Gln Arg Asn Met Thr 330 325 Lys Leu Gln Leu Ala Leu 340-

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<400> 333

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20 25 30

Leu Val Asp Phe Trp Ala Glu Trp Cys Gly Pro Cys Lys Met Ile Ala 35 40 45

Pro Ile Leu Asp Glu Ile Ala Asp Glu Tyr Gln Gly Lys Leu Thr Val
50 55 60

Ala Lys Leu Asn Ile Asp Gln Asn Pro Gly Thr Ala Pro Lys Tyr Gly
65 70 75 80

Ile Arg Gly Ile Pro Thr Leu Leu Leu Phe Lys Asn Gly Glu Val Ala

Ala Thr Lys Val Gly Ala Leu Ser Lys Gly Gln Leu Lys Glu Phe Leu 100 105 110

Asp Ala Asn Leu Ala Gly Ser Gly Ser Gly His Met Gln His His His 115 120 125

His His His Val Ser Ile Glu Gly Arg Ala Ser Ser Gly Gly Ser Gly 130 135 140

Leu Val Pro Arg Gly Ser Ser Gly Ser Gly Asp Asp Asp Asp Lys Ser 145 155 160

Ser Arg Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val 165 170 175

Pro Ser Leu Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala 180 185 190

Ala Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala 195 200 205 Tyr Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro

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5	210	Dwo	Dro	Dro	lie	215 Ser	Phe	Ile :	lvs			Pro	Ser	Trp	Gly
225					230					235					240
Gly				245	Glu				250					255	
			260	Phe				Ala 265					2/0		
		275	Pro				280	Ala				285			
	290	Asn				295		Ser			300				
305					310			Val		315					320
				325					330					333	
			340					Gln 345					330		
		355					360	Tyr				365			
	370					375		Leu			380				
385					390			Gln		Glu 395	Cys	Met	Thr	Trp	Asn 400
Gln	Met	Asn	Leu	Gly 405	Ala	Thr	Leu	Lys	Gly 410						
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		3.5					40					45			Ala
	50	ł				55					60				Val
65	;				70					75					Gly 80
				85)				90					90	
						-	Car	T 110	Glv	Gln	Leu	Lys	: Glu	ı Phe	. Leu
			100	Gly				105					110	,	
	o Ala	a Asr	100 Leu) ı Ala	a Gly	Ser	Gly 120	105 Ser	Gly	His	Met	Gln 125	His	His	His
His	o Ala s His	A Asr 115 His	100 Let Val) 1 Ala 1 Sei	Gly	Ser Glu	Gly 120 Gly	105 Ser Arg	Gly	His Ser	Met Ser 140	Gln 125 Gly	His Gly	His Ser	His Gly
His Let	o Ala s His 130 u Val	A Asr 115 His His D Pro	100 n Leu s Val) 1 Ala 1 Sei g Gly	Gly Tle Ser 150	Ser Glu 135 Ser	Gly 120 Gly Gly	105 Ser Arg	Gly Ala Gly	His Ser Asp 155	Met Ser 140 Asp	Gln 125 Gly Asp	His Gly Asp	His Ser	His

				1.65					170					175	
Val	Dago	Cor	T O11	165	Gly	Glv	Glv	Glv		Ala	Leu	Pro	Val		Gly
vaı	PIO	ser	180	Gry	GIY	Ory	Ory	185	010				190		-
Ala		195	Trp				200					205			
Ala	210	Gly				215					220				
Pro 225	Pro				230					235					240
Gly				245					250					255	
			Gly 260					265					270		
		275	Pro				280					285			
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305 Ser	Tyr	Gly	His	Thr 325	Pro	Ser	His	His	Ala 330		Gln	Phe	Pro	Asn 335	His
			His 340	Glu				345					350		
		355	Ser				360					365			
	370		Thr			375					380				
385			Leu		390					395					400
Asn			Asn	405					410					415	
			Asn 420					425					430		
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	450		Ala			455					460				
465					470					475					Phe 480
			His	485					490)				495	
			500					505					510		Ser
		515)				520)				525	•		Phe
	530					535	5				54C)			Lys
545	His	Thr			550)				555)				Trp 560
Pro	Ser			565	j i				570)				5/5	
His	Asn	Met	His 580		n Aro	g Asr	n Met	585	Lys	s Leu	ı Glr	ı Lev	1 Ala 590	Leu	l

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10

Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile His Thr 20 25 30 His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro Gly Val

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Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys Arg Pro
                         5.5
Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys Leu Ser
                     70
His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro Tyr Gln
                                      90
Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Phe Arg Ser Asp Gln Leu
                                105
Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln Cys Lys
                            120
Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr His Thr
                        135
                                             140
    130
Arg Thr His Thr Gly Glu Lys Pro Phe Ser Cys Arg Trp Pro Ser Cys
                                        155
                    150
Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His Asn Met
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His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala Leu
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tgggctccag ttctggactt cgcaccgcct ggtgcatccg catacggttc cctgggtggt 180
ccagcaccte egecegeaac gececeaceg cetecacege eccegeacte etteateaaa 240
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ccgcccagcc aggcgtcatc cggccaggcc aggatgtttc ctaacgcgcc ctacctgccc 180
agetgeeteg agageeagee egetattege aateagggtt acageaeggt cacettegae 240
gggacgccca gctacggtca cacgccctcg caccatgcgg cgcagttccc caaccactca 300
ttcaagcatg aggateceat gggeeageag ggetegetgg gtgageagea gtaeteggtg 360
ccgccccgg tctatggctg ccacaccccc accgacagct gcaccggcag ccaggctttg 420
ctgctgagga cgccctacag cagtgacaat ttatactgat ga
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<212> PRT

<213> Homo sapiens

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tgcggagccc aatacagaat acacacgcac ggtgtcttca gaggcattca ggatgtgcga 240
cgtgtgcctg gagtagcccc gactettgta eggteggeat etgagaccag tgagaaacge 300
cccttcatgt gtgcttaccc aggctgcaat aagagatatt ttaagctgtc ccacttacag 360
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aggagacata caggtgtgaa accattccag tgtaaaactt gtcagcgaaa gttctcccgg 180
teegaceace tgaagaceea caceaggaet catacaggtg aaaageeett cagetgtegg 240
tggccaagtt gtcagaaaaa gtttgcccgg tcagatgaat tagtccgcca tcacaacatg 300
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actggcacag ccggagcctg tcgctacggg cccttcggtc ctcctccgcc cagccaggcg 180
tcatceggee aggecaggat gtttectaae gegeeetace tgeecagetg eetegagage 240
cagecegeta ttegeaatea gggttacage aeggteaeet tegaegggae geeeagetae 300
ggtcacacgc cctcgcacca tgcggcgcag ttccccaacc actcattcaa gcatgaggat 360
cccatgggcc agcagggctc gctgggtgag cagcagtact cggtgccgcc cccggtctat 420
ggetgecaca eccecacega cagetgeace ggeagecagg etttgetget gaggaegeee 480
tacagcagtg acaatttata ccaaatgaca tcccagcttg aatgcatgac ctggaatcag 540
atgaacttag gagccacctt aaagggccac agcacagggt acgagagcga taaccacaca 600
acgeceatee tetgeggage ecaatacaga atacacaege aeggtgtett cagaggeatt 660
caggatgtgc gacgtgtgcc tggagtagcc ccgactcttg tacggtcggc atctgagacc 720
agtgagaaac gccccttcat gtgtgcttac ccaggctgca ataagagata ttttaagctg 780
tcccacttac agatgcacag caggaagcac actggtgaga aaccatacca gtgtgacttc 840
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acaggtgtga aaccattcca gtgtaaaact tgtcagcgaa agttctcccg gtccgaccac 960
ctgaagaccc acaccaggac tcatacaggt gaaaagccct tcagctgtcg gtggccaagt 1020
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                             40
Pro Pro Gly Ala Ser Ala Tyr Gly Ser Leu Gly Gly Pro Ala Pro Pro
                        55
Pro Ala Pro Pro Pro Pro Pro Pro Pro Pro His Ser Phe Ile Lys
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Gln Glu Pro Ser Trp Gly Gly Ala Glu Pro His Glu Glu Gln Cys Leu
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Ser Ala Phe
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                                25
Arg Tyr Gly Pro Phe Gly Pro Pro Pro Ser Gln Ala Ser Ser Gly
                                                4.5
                            40
Gln Ala Arg Met Phe Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu
                                            60
                         55
Ser Gln Pro Ala Ile Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp
                                        75
Gly Thr Pro Ser Tyr Gly His Thr Pro Ser His His Ala Ala Gln Phe
                                     90
                 8.5
Pro Asn His Ser Phe Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser
                                105
            100
Leu Gly Glu Gln Gln Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His
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                                               125
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Pro Tyr Ser Ser Asp Asn Leu Tyr
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Gly Tyr Glu Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln
                         55
                                            60
Tyr Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
                                        75
                    70
Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr
                85
Ser Glu Lys Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg
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           100
Tyr Phe Lys Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly
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Glu Lys Pro Tyr Gln
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Lys Pro Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Phe Arg
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                             40
Phe Gln Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu
                         55
Lys Thr His Thr Arg Thr His Thr Gly Glu Lys Pro Phe Ser Cys Arg
                                         75
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Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg
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                                  25
 Thr Val His Phe Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg
                              40
 Tyr Gly Pro Phe Gly Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln
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55

Ala Arg Met Phe Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser

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Gln Pro Ala Ile Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly
                                   90
Thr Pro Ser Tyr Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro
                             105
           100
Asn His Ser Phe Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu
                         120
      115
Gly Glu Gln Gln Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr
                   135
Pro Thr Asp Ser Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro
                 150
                                     155
Tyr Ser Ser Asp Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met
                                  170
Thr Trp Asn Gln Met Asn Leu Gly Ala Thr Leu Lys Gly His Ser Thr
                             185
Gly Tyr Glu Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln
                          200
      195
Tyr Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
                      215
                                         220
Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr
        230
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Ser Glu Lys Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg
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              245
Tyr Phe Lys Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly
                   265
           260
Glu Lys Pro Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Phe
               280
Arg Ser Asp Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys
                    295
Pro Phe Gln Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His
                                     315
                  310
Leu Lys Thr His Thr Arg Thr His Thr Gly Glu Lys Pro Phe Ser Cys
                                 330
Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
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Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala
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Asn	His	Thr	Thr	Pro) Ile	e Lev	а Суя	Gly	, Ala	a Glr	ı Tyr	Arç	, Ile	His	Thr

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Val Asp Asn Asn Gly Asn Gly Ala Arg Val Gln Arg Val Val Gly Ser 50 55 60

Ala Pro Ala Ala Ser Leu Gly Ile Ser Thr Gly Asp Val Ile Thr Ala 65 70 75 80

Val Asp Gly Ala Pro Ile Asn Ser Ala Thr Ala Met Ala Asp Ala Leu 85 90 95

Asn Gly His His Pro Gly Asp Val Ile Ser Val Thr Trp Gln Thr Lys 100 105 110

Ser Gly Gly Thr Arg Thr Gly Asn Val Thr Leu Ala Glu Gly Pro Pro 115 120 125

Ala Glu Phe Pro Leu Val Pro Arg Gly Ser Pro Met Gly Ser Asp Val 130 135 140

Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly 145 150 155 160

Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala Gln Trp Ala Pro Val 165 170 175

Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr Gly Ser Leu Gly Gly 180 185 190

Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro Pro Pro Pro Pro Pro His

Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly Ala Glu Pro His Glu 210 215 220

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Ala Pro Ala Ala Ser Leu Gly Ile Ser Thr Gly Asp Val Ile Thr Ala 65 70 75 80

Val Asp Gly Ala Pro Ile Asn Ser Ala Thr Ala Met Ala Asp Ala Leu 85 90 95

Asn Gly His His Pro Gly Asp Val Ile Ser Val Thr Trp Gln Thr Lys

Ser Gly Gly Thr Arg Thr Gly Asn Val Thr Leu Ala Glu Gly Pro Pro 115 120 125

Ala Glu Phe Pro Leu Val Pro Arg Gly Ser Pro Met Gly Ser Asp Val

Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly 145 150 155 160

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Leu

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Gln 305	Glu	Val	Ser	Glu	Ala 310	Ala	Pro	Leu	Thr	Asp 315	Ala	Arg	Glu	Ala	Arg 320
Trp	Glu	Thr	Ile	Pro 325	Val	Leu	Gln	Gly	Leu 330	Trp	Thr	Glu	Val	Phe 335	Leu
Leu	Arg	Pro	Ala 340	Gln	Lys	Thr	Pro	Gly 345	Glu	Ala	Tyr	Arg	Cys 350	Glu	Ala
Ile	Pro	Ala 355	Asp	Leu	Ser	Ala	Arg 360	Val	Leu	Pro	Ala	Gln 365	Pro	Pro	Glu
Asp	Pro 370	Arg	Gln	Asp	Ser	Cys 375	Arg	Lys	Ala	Pro	Gln 380	Leu	Ser	Val	Val
Arg 385		Ser	Glu	Lys	Ala 390	Cys	Pro	Val	Lys	Val 395	Gly	Pro	Pro	Ser	Arg 400
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<213> Homo sapiens

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225					230		Leu			235					240
				245			Val		250					255	
			260				Asn	265					270		
		275					Ala 280					285			
	290					295					300				
305					310		Pro			315					320
His				325			Arg		330					335	
Ser	Pro	Phe	Gly 340	Thr	Ser	Pro	Arg		Thr		Gly	Asp	Ile 350	Gln	Val
Arg	Asn	His 355	Ser	Ser	Val	Arg	Leu 360	Val	Ser	Glu	Gly	Ser 365	Pro	Gly	Pro
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Ala 385	Gly	Gly	Gln	Ala	Ala 390	Arg	Glu	Gly	Ser	Pro 395	Ser	Gln	Thr	Asn	Ser 400
Val	Ile	Thr	Thr	Cys 405	Ile	Ser	Glu	Thr	Leu 410	Asn	Ser	Ser	Trp	Arg 415	Phe
Glu															

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	130					135					140				
Arg 145	Asn	Gln	Gly	Tyr	Ser 150	Thr	Val	Thr	Phe	Asp 155	Gly	Thr	Pro	Ser	Tyr 160
Gly	His	Thr	Pro	Ser 165	His	His	Ala	Ala	Gln 170	Phe	Pro	Asn	His	Ser 175	Phe
Lys	His	Glu	Asp 180	Pro	Met	Gly	Gln	Gln 185	Gly	Ser	Leu	Gly	Glu 190	Gln	Gln
Tyr	Ser	Val 195	Pro	Pro	Pro	Val	Tyr 200	Gly	Cys	His	Thr	Pro 205	Thr	Asp	Ser
Cys	Thr 210	Gly	Ser	Gln	Ala	Leu 215	Leu	Leu	Arg	Thr	Pro 220	Tyr	Ser	Ser	Asp
Asn 225	Leu	Tyr	Gln	Met	Thr 230	Ser	Gln	Leu	Glu	Cys 235	Met	Thr	Trp	Asn	Gln 240
Met	Asn	Leu	Gly	Ala 245	Thr	Leu	Lys	Gly	His 250	Ser	Thr	Gly	Tyr	Glu 255	Ser
-			260					265				Tyr	270		
Thr	His	Gly 275	Val	Phe	Arg	Gly	Ile 280	Gln	Asp	Val	Arg	Arg 285	Val	Pro	Gly
Val	Ala 290	Pro	Thr	Leu	Val	Arg 295	Ser	Ala	Ser	Glu	Thr 300	Ser	Glu	Lys	Arg
Pro 305	Phe	Met	Cys	Ala	Tyr 310	Pro	Gly	Cys	Asn	Lys 315	Arg	Tyr	Phe	Lys	Leu 320
Ser	His	Leu	Gln	Met 325	His	Ser	Arg	Lys	His 330	Thr	Gly	Glu	Lys	Pro 335	Tyr
	_	_	340					345				Arg	350		
		355					360					Pro 365			
_	370					375					380	Leu			
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Cys	Gln	Lys	Lys	Phe 405	Ala	Arg	Ser	Asp	Glu 410	Leu	Val	Arg	His	His 415	Asn
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<211> 495

<212> PRT

<213> Homo sapiens

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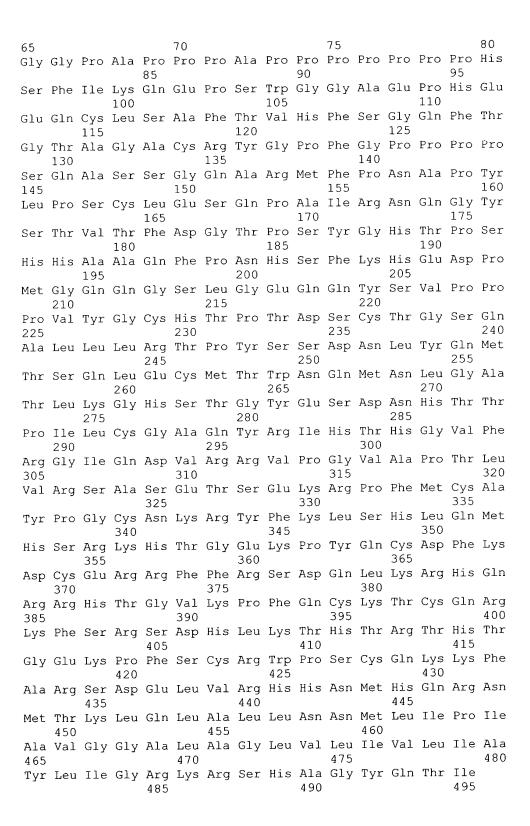
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Val Arg Ser Ala Ser Glu Thr Ser Glu Lys Arg Pro Phe Met Cys Ala



	370					375					380				
385					390					395				Gln	400
				405					410					Phe 415	
			420					425					430	His	
		435					440					445		Gln	
	450					455					460			His	
465					470					475				Lys	480
				485				His	His 490	Asn	Met	His	Gln	Arg 495	Asn
Met	Thr	Lys	Leu 500	Gln	Leu	Ala	Leu								
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